

INTERNATIONAL SEARCH REPORT

International Application No

PCT/EP2004/007110

A. CLASSIFICATION OF SUBJECT MATTER
 IPC 7 H04R3/00 H04R1/40

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 H04R

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ, INSPEC

C. DOCUMENTS CONSIDERED TO BE RELEVANT

| Category * | Citation of document, with indication, where appropriate, of the relevant passages | Relevant to claim No. |
|------------|---|------------------------|
| X | US 6 549 627 B1 (NORDHOLM SVEN ET AL) 15 April 2003 (2003-04-15) | 1,17 |
| Y | column 1, lines 20-29 | 2,4, 8-11, 13-16 |
| | column 5, line 65 - column 6, line 29; figure 6 | |
| Y | WO 01/87011 A (BRIEN WILLIAM D O ; TRUSTEES OF THE UNIVERSITY OF (US); FENG ALBERT) 15 November 2001 (2001-11-15) page 18, lines 13-17 | 2 |
| Y | US 6 339 758 B1 (AKAMINE MASAMI ET AL) 15 January 2002 (2002-01-15) column 1, lines 16-31 column 2, lines 15-25 | 4,8 |
| | -/-- | |



Further documents are listed in the continuation of box C.



Patent family members are listed in annex.

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Date of the actual completion of the international search

8 September 2004

Date of mailing of the international search report

24/09/2004

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

| Category * | Citation of document, with indication, where appropriate, of the relevant passages | Relevant to claim No. |
|------------|---|-----------------------|
| Y | WEIMIN SU ET AL: "Performance analysis of MVDR algorithm in the presence of amplitude and phase errors" RADAR, 2001 CIE INTERNATIONAL CONFERENCE ON, PROCEEDINGS, 15 October 2001 (2001-10-15), pages 796-800, XP010577937 page 796, column 1, paragraph 2 | 9 |
| Y | US 5 715 319 A (CHU PETER L) 3 February 1998 (1998-02-03) column 4, lines 50-57 column 5, lines 35-38 column 7, lines 44-52; figures 1,4 | 10,11, 13-16 |

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/EP2004/007110

| Patent document cited in search report | Publication date | Patent family member(s) | Publication date |
|---|---------------------|-----------------------------|----------------------------|
| US 6549627 | B1 | 15-04-2003 | AU 751626 B2 22-08-2002 |
| | | AU 2646699 A 16-08-1999 | |
| | | BR 9908204 A 28-11-2000 | |
| | | CN 1289508 T 28-03-2001 | |
| | | EE 200000433 A 17-12-2001 | |
| | | EP 1051835 A1 15-11-2000 | |
| | | JP 2002502193 T 22-01-2002 | |
| | | WO 9939497 A1 05-08-1999 | |
| WO 0187011 | A | 15-11-2001 | AU 6134401 A 20-11-2001 |
| | | CA 2407855 A1 15-11-2001 | |
| | | CN 1440628 T 03-09-2003 | |
| | | EP 1312239 A2 21-05-2003 | |
| | | JP 2003533152 T 05-11-2003 | |
| | | WO 0187011 A2 15-11-2001 | |
| | | US 2003138116 A1 24-07-2003 | |
| US 6339758 | B1 | 15-01-2002 | JP 2000047699 A 18-02-2000 |
| US 5715319 | A | 03-02-1998 | CA 2256485 A1 04-12-1997 |
| | | EP 0903056 A1 24-03-1999 | |
| | | JP 3521914 B2 26-04-2004 | |
| | | JP 2001502126 T 13-02-2001 | |
| | | WO 9746048 A1 04-12-1997 | |